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Hp compaq 8000 elite usdt pc manual

Hp compaq 8000 elite usdt business pc. Hp compaq 8000 elite usdt pc. Hp compaq 8000 elite usdt. Hp compaq 8000 elite usdt manual. Hp compaq 8000 elite usdt pc bios.

The HP Compaq 8000 Elite PC is a slim, ultra-thin desktop computer designed for corporate, enterprise, public sector, and mid-market commercial organizations. It offers three professional chassis form factors to accommodate different needs between expandability and size. ##### Rear I/O Ports: - (6) USB 2.0 ports - DisplayPort and VGA video interfaces - PS/2 mouse and keyboard ports - RJ-45 network interface - Audio in/out jacks ##### Front I/O Ports: - (4) USB 2.0 ports - Dedicated headphone output - A microphone/headphone jack ##### Drive Bays: - 2.5" internal hard disk drive bay - External drive bays supporting media card readers or secondary hard disk drives, and optical disk drives ##### Power Supply: - 240W standard power supply - High efficiency options available with 89% efficiency ##### Optional Accessories: - HP USDT Tower Stand (sold separately) - HP Optical Mouse - HP Keyboard - HP Monitor (sold separately) Configured with multiple hard disk drives in a RAID array, ensuring lengthy purchase lifecycles and image stability. The software image is fully compatible across all models and form factors, designed using industry-leading standards for the environment. Preselected configurations are available globally through HP.com's Business to Business portals, allowing for easy setup and ordering. Additionally, tailored HP Factory Express deployments and lifecycle services are available upon request. The product is protected by HP Services, including standard warranties up to 5-5-5, with terms and conditions varying by country and certain restrictions applying. Tool-less serviceability features simplify upgrades and repairs, making maintenance easier than ever. Operating systems preinstalled or supported include Windows Vista and Windows 7, with various editions available. For details on compatible hardware and features, visit Microsoft's website. Notable components include multiple graphics card options, such as ATI Radeon HD 4550 and Nvidia GeForce 310. Additionally, the system supports a range of networking technologies, including Intel Gigabit CT Desktop NIC Card and Broadcom NetXtreme GbE Ethernet Plus NIC. Value-added software includes HP ProtectTools Security Suite, Software Management Agent, Computrace for Desktops (optional), Computer Setup Utility, McAfee Total Protection Anti-Virus*, and Roxio Creator Business. *60-day trial available. HP Compaq 8000 Elite PC offers various features and configurable components. To receive updates for McAfee Total Protection software, internet access is required, with the first update included. Subscriptions are needed for subsequent updates. The PC comes with several tools, including HP Client Management Solutions, HP Client Automation Starter, and SoftPaq Download Manager. The device also includes a range of features such as HP Insight Diagnostics PDF Complete (available on select models), Microsoft Office Trial Version, Firefox, and Corel WinDVD (downloadable from the internet). Additionally, the PC offers various business-focused tools like HP Client Catalog for SMS, Systems Software Management, Value Added Services, and Features. It also supports Intel's Stable Platform Program. The PC's TPM module is disabled in certain countries where it is restricted by law, such as Russia. For service and support, the PC comes with a three-year limited warranty and on-site repair option, which includes 24/7 telephone support. Global coverage ensures that any product purchased can be transferred to another country without affecting the warranty or service. Note: The text also lists various processor options available for the HP Compaq 8000 Elite PC, including Intel Celeron, Pentium, and Core 2 Duo processors. The HP Compaq 8000 Elite Series features processors from Intel's Core 2 family, including Quad Q9500 and Quad Q9505 models with vPro Technology. These processors boast speeds of up to 2.83 GHz and cache sizes ranging from 6M to 12M L2. Some variants are designed for low power consumption, while others offer more significant processing power. The Core 2 Quad Q9650 Processor stands out with a clock speed of 3.0 GHz. Intel's vPro Technology suite, integrated into these processors, provides advanced management capabilities. Key features include Intel Advanced Management Technology (AMT) v5.0, which enables remote system discovery, healing, and protection, as well as network access control through Microsoft NAP Support. Other benefits include Fast Call for Help, Remote Scheduled Maintenance, Remote Alerts, Access Monitor, and SW updates. All HP Compaq 8000 Elite Series models with these processors participate in the Intel 2010 Stable Image Platform Program (SIPP), ensuring stability, security, and manageability for enterprise clients. After installing updates, the client gets access to the network or tries to communicate again if compliant. This allows AMT 5.0 to connect to a Microsoft NAP-enabled 802.1x network out-of-band (OOB), enabling OOB features and RAID support. DriveLock is available while in RAID mode, where users can manage passwords from within F10 Setup. Locked drives show up as such in the RAID option ROM interface, and hard drive info can be viewed within F10 Setup. The RAID Setup Utility, accessible via CTRL-I, can be password-protected by the F10 Setup password. Pre-configured systems are available on CMT and SFF form factors but not supported by USDT due to limitations. These complete RAID systems come with both drives installed, have necessary Option ROM configuration, and include a pre-installed operating system in mirrored mode. For more info, refer to the HP White Paper titled "Advanced Host Controller Interface (AHCI) and Redundant Array of Independent Disks (RAID) on HP Compaq 8000 Elite Series PCs" at . The HP Compaq 8000 Elite PC supports non-ECC DDR3 memory, allowing upgrades by adding single or multiple DIMMs. CAUTION: Adding or removing memory modules while the computer is powered on may cause irreparable damage to the system board and memory modules. Always shut down the computer and disconnect the power cord before making memory module changes. Maximum memory supported by the Ultra-slim Desktop is 8 GB, using SO-DIMM modules. The Intel Q45 Express chipset allocates memory for manageability functions through its Management Engine, shared with system memory. Pre-allocated memory is not available to the operating system. The HP Compaq 8000 Elite PC has various memory configurations available, including 16 GB of DDR3 SDRAM using DIMM modules. However, for systems with more than 3 GB of memory and a 32-bit operating system, not all memory may be accessible due to system resource limitations. Some details about the storage options are also provided: * The PC supports various hard disk drives in different sizes (160GB, 250GB, and 500GB) with varying rotational speeds and cache sizes. * Some configurations require a specific type of storage device, such as a small form factor (SFF) or ultra-slim desktop (CMT) design. The text also mentions that some memory allocations are pre-allocated for the Management Engine (ME), which is part of the Intel Q45 Express chipset. This pre-allocation can affect available system memory. Additionally, the table shows various memory configurations with their corresponding specifications, such as capacity, speed, and type (ECC or non-ECC). However, it's worth noting that not all memory combinations are represented in this table. HP Compaq 8000 Elite PC Specifications The HP Compaq 8000 Elite PC allows for multiple audio configurations using separate ports on the system. For example, headphones can be used with the front jacks for communication purposes while external speakers are connected to the rear jacks for multimedia applications. The PC features various input and output devices such as keyboards (PS/2 standard, USB, smartcard, washable), mice (optical scroll, laser), and adapters for serial and parallel ports. The system also includes a range of graphics options including AMD and NVIDIA cards. In terms of storage, the PC comes with various hard drive configurations, including SATA III, eSATA, and removable SATA hard drives. Additional features include graphics adapters such as DisplayPort to DVI-D and VGA converters, as well as after-market options like wireless keyboards and mice. The PC also supports a range of multimedia devices, including speakers, DVD-ROM drives, and light-scribe drives. It is compatible with various HP monitors that accept graphics outputs provided by the system. **Hardware and Accessories** The HP Compaq 8000 Elite PC offers various options for removable media storage, including Blu-ray writers, USB external diskette drives, and multi-media card readers. Other available accessories include security devices, such as cable locks and locks with hood sensors. **QuickSpecs** * The system has a compact design, with dimensions of 2.6 x 9.9 x 10 inches (66 x 251.5 x 254 mm) for the ultra-slim desktop version. * It also comes in small form factor (SFF) and convertible minitower (CMT) designs. * The system has various ports, including USB 2.0, serial, parallel, eSATA, PS/2, and DVI output. * Audio input/output options include a microphone and headphone jack on the front panel, and line input and output on the rear. **System Specifications** The HP Compaq 8000 Elite PC has various system specifications, including: * A choice of operating systems (not specified in the text) * Processors with varying speeds and numbers of cores * Memory options ranging from 2 to 16 GB * Hard drive sizes up to 1 TB * Optical drive options, including Blu-ray writers **Dimensions and Weight** The system's dimensions vary by configuration: * Ultra-slim desktop: 2.6 x 9.9 x 10 inches (66 x 251.5 x 254 mm), weight 6.75 lb (3.07 kg) * Small form factor: 3.95 x 13.30 x 14.9 inches (100 x 338 x 378.5 mm), weight 16.72 lb (7.6 kg) * Convertible minitower: 17.63 x 7.00 x 17.5 inches (447.8 x 177.8 x 444.5 mm), weight 34.0 lb (15.42 kg) **Ports and Slots** The system has various ports and slots, including: * USB 2.0 * Serial * Parallel * eSATA * PS/2 * DVI output * Audio input/output options Note: I removed unnecessary information and condensed the text to make it easier to read. HP Compaq 8000 Elite PC Technical Specifications: PCI Express x16 Slot supports discrete graphics cards and has a maximum power consumption of 25W. The system features three full-height slots with a maximum power consumption of 75W, one half-height slot with a maximum power consumption of 10W, and two low-profile slots with a maximum power consumption of 25W each. There are four SATA interfaces supporting speeds up to 3.0-GB/s, as well as an Ultra-slim Desktop controller and a Host SATA Controller with AHCI Revision 1.2. The system also features a Slimline SD Reader, three external bays (one for ODD, one for 2.5" drive, and one for 3.5" drive), and a total of five internal drive bays. For operating the unit, keep it away from excessive moisture, direct sunlight, heat, and cold. Leave a clearance of 10.2 cm (4 in) on all vented sides to permit airflow. Never restrict airflow into the computer by blocking vents or air intakes. Clean the air vents occasionally to prevent lint, dust, and foreign matter from blocking them. Operating guidelines include a temperature range of 50° to 95° F (10° to 35° C), relative humidity of 10% to 90% (non-condensing at ambient), and maximum altitude of 10,000 ft (3048 m) for operating conditions. Non-operating guidelines include a temperature range of -22° to 140° F (-30° to 60° C), relative humidity of 5% to 95% (non-condensing at ambient), and maximum altitude of 30,000 ft (9144 m).